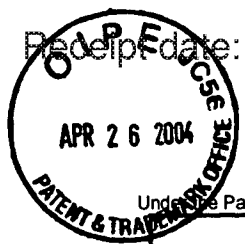


Receipt date: 04/26/2004



PTO/SB/08A (08-03)

Approved for use through 01/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/821,010	
Sheet		1	of	2	Attorney Docket Number	3723 - SP#215
					Filing Date	04/08/2004
					First Named Inventor	XIONG et al.
					Group Art Unit	Not Assigned Yet 1793
					Examiner Name	Not Assigned Yet

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code 2 (if known)			
/K.M.V./	1	US-6,361,598	03/26/2002	Balachandran et al.	
/K.M.V./	2	US-6,537,689	03/25/2003	Schoop et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Country Code3 -Number4 - Kind Code 5 (if known)				

Examiner Signature	/Kallambella Vijayakumar/	Date Considered	10/01/2008
-----------------------	---------------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/821,010
				Filing Date	04/08/2004
				First Named Inventor	XIONG et al.
				Group Art Unit	Not Assigned Yet ¹⁷⁹³
				Examiner Name	Not Assigned Yet
Sheet 2 of 2				Attorney Docket Number	3723 – SP#215

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	3	HASEGAWA, K. et al., Proc. of 16 th ICEC/ICMC Proceedings, Amsterdam: Elsevier Science pp. 1413-1416. (1997)	
	4	DIMOS, D. et al., <i>Orientation Dependence of Grain Boundary Critical Currents in YBa₂Cu₃O_{7-δ} Bicrystals</i> , The American Physical Society, Physical Review Letters, Vol. 61, #2, pp. 219-222, (July 11, 1988)	
	5	DIMOS, D. et al., <i>Superconducting Transport Properties of Grain Boundaries in YBa₂Cu₃O_{7-δ} Bicrystals</i> , The American Physical Society, Physical Review Letters, Vol. 41, #7, pp. 4038-4049, (March 1, 1990)	
	6	GROVES, JAMES R.; et al., <i>Development of the IBAD MgO Process for HTS Coated Conductors</i> , 2001 International Workshop on Superconductivity, Honolulu, HI, June 24 -27, 2001	
	7	BAUER, M., et al., <i>YBCO Films on Metal Substrates with Biaxially Aligned MgO Buffer Layers</i> , IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, Vol. 9, No. 2, pp. 1502 – 1505, (June, 1999)	
	8	FOLTYN, STEPHEN R., et al., <i>High-T_c Coated Conductors – Performance of Meter-Long YBCO/IBAD Flexible Tapes</i> , IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, Vol. 9, No. 2, pp. 1519-1522 (June 1999)	
	9	XIONG, XUMING, et al., <i>Rapid Deposition of Biaxially-textured CeO₂ Buffer Layers on Polycrystalline Nickel Alloy for Superconducting Tapes By Ion Assisted Pulsed Laser Deposition</i> , PHYSICA C, 336 (2000) pp. 70-74	
	10	READE, R. P., <i>Ion-Beam Nanotexturing of Buffer Layers for Near-Single-Crystal Thin-Film Deposition: Application to YBa₂Cu₃O_{7-δ} Superconducting Films</i> , Applied. Phys. Letter, Vol. 80, No. 8, pp. 1352-1354 (2002)	

Examiner Signature	/Kallambella Vijayakumar/	Date Considered	10/01/2008
--------------------	---------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O.Box1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.